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State of Utah

DEPARTMENT OF NATURAL RESOURCES

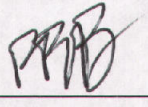
MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Inspection Report

Minerals Regulatory Program

Date Submitted: **08/06/2013**

Reviewed 

Mine Name: Black Shale/Rose Mine	Permit Number: M/049/0084	Permit Fees: Paid		
Operator Name: Interstate Brick Co.	Inspection Date: 08/06/2013	Bond Amount: \$25,000.00		
Inspector(s): A. Abate, J. Hewitt, Frankie	Time: 11:00 AM	Bond Escalation: due \$182,000		
Others:	Mine Status: Proposed			
Elements of Inspection		Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages/Erosion Control		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Reclamation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Soils		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection

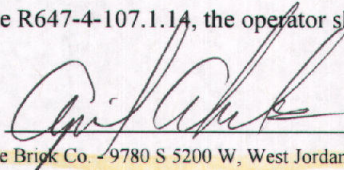
This large mine operation was recently approved to transition from a small mine permit to a large mine permit. This site incorporates the Rose Mine - a pre-law site that will be incorporated into this large mine permit. The purpose of this inspection was to familiarize myself with the new large mine site.

Inspection Summary

Both the Black Shale and the Rose mine were pre-law mines that Interstate Brick is planning to reactivate. More recently, the Rose mine was permitted under Exploration Permit E/49/0051. The Division has granted tentative approval contingent upon the end of a 30 day public comment period. The tentative approval was granted on July 15, 2013. The public comment period will end on August 15, 2013. Several topsoil piles were surprisingly salvaged by the previous operator. The current operator will utilize these topsoil piles during reclamation. A considerable amount of trash items used for target practice was in the pit areas. One of the pits contains a seep where tamerisk was seen on the highwall. Water from a contact between the shale layer and the underburden is where the seep daylights. The groundwater from the seep drains to the pit. The operator has dug a trench along the road to prevent water from flooding the road into the mine. The highwall of the pits were not terraced and do not appear to be safe. OGM requires that highwalls not be greater than a 45 degree angle. The operator indicated that mining will begin next spring.

Conclusions and Recommendations

In accordance with rule R647-4-107.1.14, the operator should install a gate where public access to the site is readily available.

Inspector's Signature: 

CC: John Hewitt, Interstate Brick Co. - 9780 S 5200 W, West Jordan, UT 84088

File: /C:/Documents and Settings/AprilAbate/Desktop/Black Shale -Insp-08062013.pdf



Entry into the Black Shale Mine. A considerable amount of debris was noted in the pit.



The rocky outcrop area on the top of the hill is the pre-law area where mining initially took place.



One of the topsoil piles salvaged at the base of the pit.



Highwall of pit that will be mined. Tamerisk in the background is the location of the groundwater seep.



The dark material at the base of the pit is normally flooded due to the seep originating from the highwall.



Evidence of flooding based on the mudcracks. The operator plans to retain this feature as a pond to promote wildlife habitat.



Topsoil pile to the left of the photo.



View of the Rose mine on the other side of the ridge. The operator plans to mine this concurrently with the Black Shale mine.